

ZHOTIKOV, G.I.

Field theory of local conic surfaces in a tangent composite manifold  
of the first order  $E_n(X_n)$ . Part 2. Izv. vys. ucheb. zav: mat. no.4:  
64-69 '59. (MIRA 12:11)

1. Biyskiy pedagogicheskiy institut.  
(Quadrics)

16(1)

AUTHOR:

Zhotikov, G. I.

SOV/140-59-3-6/22

TITLE:

On the Field Theory of Local Conic Surfaces in the Compound Tangential Manifold of First Order  $E_n(X_n)$ . I

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 3, pp 53-64 (USSR)

ABSTRACT:

The paper joins the investigations of V.V. Vagner and A.Ye. Liber [Ref 5]. The author considers the field of local  $(m+1)$ -conic surfaces in  $E_n(X_n)$  if the vertices coincide with the centers of the tangents of the  $E_n$ . The given first two paragraphs of the paper generalize the results obtained by Liber [Ref 5] for  $(m+1)(m+2) > 2n$  to the case  $1 \leq m \leq n-1$ . Principal theorem: By the objects of the fundamental system satisfying the conditions of the integrability of the corresponding system of differential equations, an  $(m+1)$ -cone is fixed in the central  $E_n$  except for the automorphisms of the  $E_n$ .

There are 11 references, 10 of which are Soviet, and 1 Dutch.

ASSOCIATION: Biyskiy pedagogicheskiy institut (Biysk Pedagogical Institute)

SUBMITTED: December 30, 1957

Card 1/1

16(1)  
AUTHOR:

Zhotikov, G.I.

SOV/140-59-4-9/26

TITLE:

On the Theory of the Field of Local Conic Surfaces in the Composed Tangential Manifold of First Order  $E_n(X_n)$ . II

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 4, pp 64 - 69 (USSR)

ABSTRACT:

The paper is a direct continuation of the investigations carried out by the author in [Ref 1]. § 2. Singular central hyperconic-surface of the singularity class  $n-m-1$  in the central  $E_n$ . § 3. Invariant linear connection in the composed manifold which is defined by the field of the local  $(m+1)$  cones in  $E_n(X_n)$ . § 4. Invariant linear connection in the composed manifold which is determined by the field of local singular hypercones of the singularity class  $n-m-1$  in  $E_n(X_n)$ .

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On the Theory of the Field of Local Conic Surfaces SOV/140-59-4-9/26  
in the Composed Tangential Manifold of First Order  $E_n(X_n)$ . II

There are 8 references, 7 of which are Soviet, and 1 French.

ASSOCIATION: Biyskiy pedagogicheskiy institut (Biysk Pedagogical  
Institute)

SUBMITTED: December 30, 1957

Card 2/2

ZHOTIKOV, G.I.

Field theory of local surfaces in a tangent complex manifold  
of the first order  $E_n(X_n)$ . Izv.vys.ucheb.zav.; mat. no.2:69-  
79 '59. (MIRA 12:5)

1. Biyskiy pedagogicheskiy institut.  
(Geometry, Differential)

16(1)

AUTHOR:

Zhotikov, G.I.

SOV/140-59-2-7/30

TITLE:

On the Theory of the Field of Local Surfaces in the Tangential Composite Manifold of First Order  $E_n(X_n)$  (K teorii polya lokal'nykh poverkhnostey v kasatel'nom sostavnom mnogoobrazii pervogo poryadka  $E_n(X_n)$ )

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 2, pp 69-79 (USSR)

ABSTRACT:

The paper joins the investigations of V.V. Vagner [Ref 1,2,3,4,5, 16], A.Ye. Iltis [Ref 8,9,10,11,17], and N.F. Rzhekhina [Ref 13,14]. The author tries to generalize the results of these authors, which relate to the field theory of local  $m$ -surfaces, for an arbitrary  $m \neq 1$ . Only the first principal problem of the theory is solved conclusively: The author determines the invariant linear connection in the composite manifold  $X_m(X_n)$ .

Principal theorem: The objects of a fundamental system, the

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On the Theory of the Field of Local Surfaces in SOV/140-59-2-7/30  
the Tangential Composite Manifold of First Order  $E_n(X_n)$

system of differential equations of which is integrable,  
determine uniquely the  $m$ -surface in the central  $E_n$  up to the  
automorphisms of this  $E_n$ .

There are 17 references, 15 of which are Soviet, 1 French, and  
1 American.

ASSOCIATION: Biyskiy pedagogicheskiy institut (Biysk Pedagogical Institute)

SUBMITTED: December 30, 1957

Card 2/2

ZHOTIKOV, G.I.

Theory of fields of local surfaces in a tangential combination  
of sets of the first order  $E_n(X_n)$ . Trudy Sem. po vekt. itenz. anal.  
no. 11:189-218 '61. (MIRA 15:3)  
(Aggregates) (Geometry, Differential) (Calculus of variations)

ZHOTIKOV, G. I.

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PHASE I BOOK EXPLOITATION

SOV/5726

Moscow. Universitet.

Trudy seminarov po vektornomu i tenzornomu analizu s ikh prilozheniyami k geometrii, mekhanike i fizike. Vyp. 11. (Transactions of the Seminar on Vector and Tensor Analysis With Their Application in Geometry, Mechanics, and Physics. no. 11) [Moscow] 1961. 314 p. 2,500 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova.

Ed. (Title page): P. K. Rashevskiy, Professor; Ed.: V. A. Gukovskaya; Tech. Ed.: K. S. Chistyakova.

PURPOSE: This book is intended for theoretical physicists, mathematicians, and engineers.

COVERAGE: The book contains reports presented at the Seminar on Vector and Tensor Analysis (Moscow, 1961), includes an annotated

Card 1/5

Transactions of the Seminar (Cont.)

SOV/5726

bibliography of some reports presented at Seminar meetings over the period 1 July 1954 through 31 December 1957, and reviews the life and works of Yakov Semanovich Dubnov (1887-1957), senior member and cofounder (with V. P. Kagan and others) of the Seminar. Professor Dubnov's contributions to mathematics are reviewed in some detail and include his teaching of analytical and differential geometry with the application of vector analysis and works on problems in the algebra of affinors. Dubnov also wrote Osnovy vektornogo ischisleniya (Principles of Vector Calculus), studied the general theory of nets on surfaces, and worked on studies of different types of nets and invariant characteristics of nets on surfaces, the central projective and affine theory of curves and surfaces, and related subjects. A chronological bibliography of his publications is included. The biographical sketch of Professor Dubnov was written by V. V. Vagner and A. M. Lopshits. No personalities are mentioned. References accompany individual articles.

Card 2/5

Transactions of the Seminar (Cont.)

SOV/5726

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AVAILABLE: Library of Congress	JAM/rsm/ec
Card 5/5	11-20-61

ZHOTKEVICH, T.

Tractor hydraulic system standardized separately and as a unit. Prof.-  
tekh. obr. 17 no.9:15-19 S '60. (MIRA 13:10)  
(Tractors--Hydraulic drive)

ZHOTKEVICH, Tat'yana Sergeyevna; ZAGORSKIY, G., red.; POKHLEBKINA, M.,  
tekh. red.

[How to use the hydraulic systems of tractors] Kak pol'zo-  
vat'sia gidrosistemoi traktorov. Moskva, Mosk. rabochii, 1961.  
19 p. (MIRA 15:2)

(Tractors--Hydraulic equipment)

DEGTYAREV, Viktor Andreyevich; DRONOVA, Natal'ya Fedorovna;  
ZHOTKEVICH, Tat'yana Sergeevna; ZELENETSKAYA, L.V., red.;  
SAYTANIDI, L.D., tekhn. red.

[Using multiple purpose hydraulic systems with separate units  
and mounted devices] Kak pol'zovat'sia universal'nymi razdel'no-  
agregatnymi gidravlicheskim sistemami i navesnymi ustroistvami.  
Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 142 p.

(MIRA 15:4)

(Oil hydraulic machinery)  
(Agricultural machinery)

ARTEM'YEV, Yu.N., kand. tekhn. nauk; ASTVATSATUROV, G.G., inzh.;  
BARABANOV, V.Ye., inzh.; BARYKOV, G.A., inzh.; BISHOVATYY, S.I.,  
inzh.; GALAYEVA, L.M., inzh.; GAL'FERIN, A.S., kand. tekhn. nauk;  
GAL'CHENKO, I.I., inzh.; GONCHAR, I.S., kand. tekhn. nauk;  
DEGTYAREV, I.L., kand. tekhn. nauk; DYADYUSHKO, V.P., inzh.;  
YERMAKOV, I.N., inzh.; ZHOTKEVICH, T.S., inzh.; ZUSMANOVICH, G.G.,  
inzh.; KAZAKOV, V.K., inzh.; KOZLOV, A.M., inzh.; KOROLEV, N.A.,  
inzh.; KRIVENKO, P.M., kand. tekhn. nauk; LAPITSKIY, M.A., inzh.;  
LEBEDEV, K.S., inzh.; LIBERMAN, A.R., inzh.; LIVSHITS, L.G., kand.  
tekhn. nauk; LOSEV, V.N., inzh.; LUKANOV, M.A., inzh.; LYUBCHENKO,  
A.M., inzh.; MAMEDOV, A.M., kand. tekhn. nauk; MATVEYEV, V.A.,  
inzh.; ORANSKIY, N.N., inzh.; POLYACHENKO, A.V., kand. tekhn.nauk;  
POPOV, V.P., kand. tekhn. nauk; PUSTOVALOV, I.I., inzh.;  
PYTCHENKO, P.I., inzh.; FYATETSKIY, B.G., inzh.; RABOCHIY, L.G.,  
kand. tekhn. nauk; ROL'BIN, Ye.M., inzh.; SELIVANOV, A.I., doktor  
tekhn. nauk; SEMENOV, V.M., inzh.; SKOROKHOD, I.I., inzh.; SLABODCHIKOV,  
V.I., inzh.; STORCHAK, I.M., inzh.; STRADYMOV, F.Ya., kand. tekhn.  
nauk; SUKHINA, N.V., inzh.; TIMOFEYEV, N.D., inzh.; FEDOSOV, I.M.,  
kand. tekhn. nauk; FILATOV, A.G., inzh.; KHODOV, L.P., inzh.;  
KHROMETSKIY, P.A., inzh.; TSVETKOV, V.S., inzh.; TSEYTLIN, B.Ye.,  
inzh.; SHARAGIN, A.M., inzh.; CHISTYAKOV, V.D., inzh.; BUD'KO, V.A.,  
red.; PESTRYAKOV, A.I., red.; GUREVICH, M.M., tekhn. red.

(Continued on next card)

ARTEM'YEV, Yu.N.--- (continued) Card 2.

[Manual on the repair of machinery and tractors] Spravochnik po  
remontu mashinno-traktornogo parka. Pod red. A.I.Selivanova.  
Moskva, Sel'khozizdat. Vols.1-2. 1962. (MIRA 15:6)  
(Agricultural machinery--Maintenance and repair)  
(Tractors--Maintenance and repair)

ANDREYEV, N.F., kand. tekhn. nauk; ZHOTKEVICH, T.S., inzh.; KRYUKOV,  
V.L., red.; DMITRIYEVICH, I.N., red.; BALLOD, A.I., tekhn.  
red.

[Hydraulic units mounted on tractors] Gidravlicheskie na-  
vesnye sistemy traktorov. Moskva, Izd-vo sel'khoz. lit-ry,  
zhurnalov i plakatov, 1962. 266 p. (MIRA 15:4)  
(Tractors) (Oil hydraulic machinery)

ZHOVANIK, P. N.: Doc Vet Sci (diss) -- "Active prophylactic immunization of animals against brucellosis". Khar'kov, 1959. 25 pp (Min Agric USSR, Khar'kov Vet Inst), 300 copies (KL, No 13, 1959, 110)



ZHOVANIK, P. N.

Bang's Disease

Preventive immunization of cattle against brucellosis, Veterinariia 29 no. 3:28  
Mr '52.

Monthly List of Russian Accessions, Library of Congress,  
July 1952. UNCLASSIFIED.

ZHOVANIK, P. N.

6858. Zhovanik, P. N. Brutsellez sel'skokhozyaystvennykh zhiivotnykh i bor'ba s nim. (Khar'kov, Kn.-gaz. izd., 1954) 1 L., slozh. v (8) s. 22sm. (khark. obl. upr. sel'skogo khozyaystva) 2.000 ekz. Bespl. -- Na ukr. yaz. -- (55-2217) 619:616.929.7

SO: Knizhnaya Letopis' No. 6, 1955

KITACH, G.M., dotsent, kand.tekhn.nauk; TKACHENKO, A.P., gornyy inzhener;  
~~ZHOVANIK, V.P., gornyy inzhener~~

Analytical determination of the relationship of the blasting parameters in forming a crosscut in a multirow short-delay blasting layout. Vzryv. delo no.47/4:223-230 '61. (MIRA 15:2)

1. Krivorozhskiy gornorudnyy institut.  
(Blasting)

KITACH, G.M., dotsent, kand.tekhn.nauk; TKACHENKO, A.P., gornyy inzhener;  
ZHOVANIK, V.P., gornyy inzhener

Practice of using composite charges with air spaces in short-delay  
blasting. Vzryv. delo no.47/4:103-111 '61. (MIRA 15:2)

1. Krivorozhskiy gornorudnyy institut.  
(Krivoy Rog Basin--Blasting)

ZHOVDAK, A.V.

TIR, K.V.; RABINOVICH, M.B.; ZHOVDAK, A.V.

[Time norms for repair work on stop-cylinder and platen presses].  
Normy vremeni na remont ploskikh mashin s ostanavlivaiushchimsia  
pechatnym tsilindrom i tigel'nykh mashin. Moskva, Iskusstvo, 1953.  
176 p. (MLRA 7:6)  
(Printing press)

ZHOVINSKIY, E.Ya. [Zhovyns'kyi, E.IA]; RYABENKO, V.A.

Geology and the metal potential of tectonic zones in the  
western slope of the Ukrainian Crystalline Shield. Dop.  
AN URSR no.7:919-922 '65. (MIRA 18:8)

1. Institut geologicheskikh nauk AN UkrSSR.

AGAFONOVA, T.N.; GAVRUSEVICH, B.A.; ZHOVINSKIY, E.Ya.; OVCHAROVA, Z.G.

Morphology of gabbro ilmenites and primary kaolins in  
Volhynia. Min.sbor. no.11:42-44 '57. (MIRA 13:2)

1. Gosuniversitet im. T.G.Shevchenko, Kiyev.  
(Volkhynia--Ilmenite) (Volhynia--Kaolin)

ZHOVINSKIY, NAUM YEVSEYEVICH

"Teplovoy Bar'yer" Pri Sverhukovoykh Skorostyakh Poleta. Moskva, Voenizdat, 1959.  
124 (2) p. illus., diagrs., graphs, tables  
Bibliography: p. (126)

ZHOVINSKIY, N., kandidat tekhnicheskikh nauk.

"Heat barrier." Kryl. rod. 8 no.7:11-13 J1 '57.  
(Aerodynamics, Supersonic)

(MLBA 10:9)

ZHOVINSKIY, N.E.

O Konstruktsii vozdukho-vozdushnogo radiatora. Moskva, Izd. VVA. 1945.

Title tr.: Construction of an aeronautical air radiator.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

ZHOVINSKIY, N. E.

Sistemy pitaniia i smazki reaktivnykh dvigatelei. Moskva, Oborongiz, 1947.

Title tr.: Feeding and lubrication systems in jet engines.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

ZHOVINSKIY, N.E.

ZHOVINSKIY, N.E.

Silovye aviatsionnye ustanovki. Moskva, Voen. izd-vo, 1948. 430 p., illus.

Title tr.: Aircraft power plants.

Reviewed by V.I. Polikovskii in Sovetskaia kniga, 1949, no. 7, p.55.

TL701.255

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

ZHOVINSKIY, N.Ye., inzhener-polkovnik

Mechanics' deeds. Vest.Vozd.Fl. no.6:64-66 Je '61. (MIRA 14:8)  
(World War, 1939-1945—Aerial operations)

ZHOVINSKIY, N. YE.

"The Thermal Barrier in Supersonic Flight."

Teplovoy Baryer pri Sverkhzvukovykh Skorostykh Poleta

published 1959, 127 pages. Military Publishing House, Min. Defense, USSR.

ZHOVINSKIY, V., inzh.

Doppler effect. Kryl.rod. 11 no.6:25 Je '60. (MIRA 13:7)  
(Doppler effect) (Navigation (Aeronautics))

ZHOVINSKIY, Viktor Naumovich; KUZNETSOV, N.A., red.; BUL'DYAYEV,  
N.A., tekhn. red.

[Voltage memory networks and time delay blocks] Skhemy zapominaniia napriazhenii i bloki zapazdyvaniia. Moskva, Gosenergoizdat, 1963. 79 p. (Biblioteka po avtomatike, no.72)  
(MIRA 16:6)

(Automatic control) (Delay lines)  
(Electronic analog computers)

ZHOVINSKIY, V.N.

Measuring mean square deviation by means of an electron-ray tube.  
Izv. tekhn. no. 4:29-31 Ap '62. (MIRA 15:4)  
(Electronic measurements)

SMOLENSKIY, G.A.; GOROD, I.S.; ZHOVNER, L.M.; ROSTIK, O.I.

Autoimmune granulocytopeniase. Probl.gemat.i perel.krovi  
no.6:13-17 '61. (MIRA 14:10)

1. Iz terapevticheskogo otdeleniya (zav. G.A. Smolenskiy) gorod-  
skoy bol'nitsy No.23 i kafedry gosptal'noy terapii (zav. - dotsent  
O.I. Yasakova) pediatricheskogo fakul'teta Sverdlovskogo meditsin-  
skogo instituta.

(AGRANULOCYTOSIS)

ZHOVIERCHIK, A. [Zhaunerohyk, A.]; MIRONOV, I. [Mironau, I.]; MATVEYENKO, I. [Matsveenka, I.], red.; SLAVYANIN, I., tekhn.red.

[White Russian workers in the struggle for carrying out the socialist reorganization of the national economy] Rabochy klas Belarusi u barats'be za zaviarshenne satsyialistychnai rekonstruktsyi narodnai haspadarki. Minsk, Dziarzhannaie vyd-va BSSR. Red.satsyial'na-ekan.lit-ry, 1959. 115 p. (MIRA 13:3)  
(White Russia--Economic conditions) (Efficiency, Industrial)

ZHOVNEROVSKIY, L.S., inzh.; KHARAKER, G.M., inzh.

Mechanization and automation of technological processes in the  
heavy machinery industry. Mekh.i avtom.proizv. 14 no.3:4-6 Mr.  
'60. (MIRA 13:6)

(Machinery industry)  
(Automation)

LEBEDEV, V.N.; ZHOVNITSKAYA, Yu.A.

Clarification of sludge waters from metallurgical factories in sludge collectors. Gig. i san. 25 no.4:85-88 Ap '60. (MIRA 13:8)

5

1. Iz Zaporozhskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.  
(ZAFOROZH'YE--INDUSTRIAL WASTES)

BEL'SKIY, V.I.; BORISOV, V.V.; VOLYNTSEV, V.A.; GOVKOLOV, Ye.F.; ZHOVEI-  
ROVSKIY, M.V.; ISSERS, A.Ye.; MAKAROV, M.S.; ROTNITSKIY, M.L.;  
TEBEN'KOV, B.P.; TROITSKIY, V.A.; CHERNOV, A.V., inzh.; AGURIN,  
A.P., nauchnyy red.; SOLODENNIKOV, L.D., nauchnyy red.; TOLKACHEV,  
P.I., nauchnyy red.; KHLUDNYHVA, Ye.O., red.isd-va; EL'KINA, E.M.,  
tekh.n.red.

[Handbook on special operations; construction of industrial  
furnaces] Spravochnik po spetsial'nym rabotam; sooruzhenie pro-  
myshlennykh pechel. Pod red. A.V.Chernova. Izd.3., ispr. i dop.  
Moskva, Gos.isd-vo lit-ry po stroit., arkhit. i stroit.materialam,  
1960. 694 p. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
"Teploproyekt."  
(Furnaces--Construction)

AGURIN, Aleksandr Petrovich; GOYKOLOV, Yevgeniy Fedorovich; GROMAKOV, Gavriil Petrovich; ~~ZHOVNIROVSKIY, Nikolay Valentinovich;~~  
MOSEYENKOV, Andrey Abramovich; SEREBRENNIKOV, S.S., nauchnyy red.; RYAZANTSEVA, L.I., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Safety measures in the construction and repair of industrial furnaces] Tekhnika bezopasnosti na stroitel'stve i remonte promyshlennykh pechei. [By] A.P. Agurin i dr. Moskva, Gosstroizdat, 1962. 187 p. (MIRA 15:8)  
(Furnaces—Construction) (Industrial safety)

1.8000

26784  
S/125/61/000/005/001/016  
A161/A127

AUTHORS: Makara, A. M., Tsechal<sup>o</sup>, V. A., Zhovnitskiy, I. P.

TITLE: Determining the development of cold cracks in welded joints by ultrasonic flaw detection

PERIODICAL: Avtomaticheskaya svarka, no. 5, 1961, 3 - 10

TEXT: A new method developed by the Institut elektrosvarki im. Ye. O. Patona (Electric Welding Institute im. Ye. O. Paton) makes it possible to determine the moment of crack initiation and their further propagation in welds. An Y3A-7H (UZD-7N) ultrasonic flaw detector of TsNIIIMASH design was used. The investigations were conducted with h-f oscillations of 2.5 Mc, with prismatic feelers producing a 30° sound beam angle, one feeler performing the functions of both transmitter and receiver. Silicon oil was used on the specimen surface, which ensured a dependable contact at temperatures about 150°C. Butt welds were prepared in 14 mm thick 35X3H3M (35Kh3N3M) medium-alloyed steel with straight edges and single-bead welds. The shape was chosen for convenience, for cold cracks in such welds usually develop at about right angles to the surface, and the reflection is clear. Already a slight increase of a crack caused a noticeable change in the reflected

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S/125/61/000/005/001/016

A161/A127

Determining the development of cold cracks in...

ultrasonic energy on the screen. However, vertical internal cracks in metal do not produce such an effect, and it was not possible to watch and record slight increases of cracks of this kind. It is emphasized that also other flaws than cracks (cold shuts, notches) are being reflected, and preparatory experiments are necessary with specimens of the chosen geometric shape to spot and determine the other reflections before the tests. The length of cracks is determined as usual in such flaw detection, i.e. by two positions of the feeler being moved to and fro. The depth of cracks was judged by the changing amplitude of reflected signal. The amplification was correspondingly reduced, for otherwise the signals would reach beyond the screen. A graph was plotted by which the depth of cracks may be determined with  $\pm 0.5$  mm accuracy. Error is highest at about 1 mm crack depth. At low crack depths the accuracy increases to  $\pm 0.2$  mm. Reflections from notches were different from reflections from cracks. The data show that initial microscopic cracks are starting at both ends of the seam at the boundary with the base metal in 20 - 25 min after termination of welding, when the metal temperature is about  $140 - 130^{\circ}\text{C}$ , and the depth of initial cracks is below one millimeter. The number of initial cracks reached up to ten in 3 hrs. The crack propagation was different - some cracks remained stable for a long time and then propagated rapidly, and some vice versa. Only in 2 - 3 days cracks became visible to unaided eye. Cracks

X

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Determining the development of cold cracks in...

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A161/A127

in specimens subjected to a tension stress of 20 - 25 kg/mm<sup>2</sup> initiated as all other and spread slowly for several hours, then developed instantaneously to complete failure of specimen. The conclusion is drawn that the method is suitable for studying the kinetics of slow destruction in welded joints as well as in metals in general, e.g., the initiation and spreading of hardening cracks that are forming slowly after heat treatment. There are 11 figures and 5 references; 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: A. N. Cottrell, A Note on the Initiation of Hardened Zone Cracks, "The Welding Journal", no. 11, 1944.



ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye. O. Patona AN USSR ("Order of the Red Banner of Labor" Electric Welding Institute im. Ye. O. Paton AS UkrSSR)

SUBMITTED: January 28, 1961

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MAKARA, A.M.; TSECHAL, V.A.; ZHOVNITSKIY, I.P.

Determining the characteristics of cold crack development in welded joints, by means of ultrasonic flaw detection. Avtom. svar. 14 no.5:3-9 My '61. (MIRA 14:5)

1. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR.  
(Welding—Testing) (Ultrasonic testing)

MAKARA, A.M., kand. tekhn. nauk; LAKOMSKIY, V.L., kand. tekhn. nauk;  
ZHOVNITSKIY, I.P., inzh.

Investigating hydrogen distribution in medium alloy steel welds  
with austenite and ferrite joints. Avtom. svar. 11 no.11:16-31  
N '58. (MIRA 11:12)

1.Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.  
Ye.O. Patona AN-USSR.  
(Steel alloys--Welding)  
(Steel--Hydrogen content)

SOV/125-58-11-3/16

AUTHORS: Makara, A.M., Lakomskiy, V.I., Zhovnitskiy, I.P.

TITLE: An Investigation on the Distribution of Hydrogen in Weld Joints of Medium Alloy Steels with Austenite and Ferrite Seams (Issledovaniye raspredeleniya vodoroda v svarnykh soyedineniyakh srednelegirovannykh staley s austenitnym i ferritnym shvami)

PERIODICAL: Avtomaticheskaya svarka, 1958, Nr 11, pp 16-31 (USSR)

ABSTRACT: As contradictory opinions exist between data (Ref. 4,5) and the general opinion on hydrogen diffusion in metals, changes of hydrogen content in characteristic points of weld joints near the seam and near the base metal were investigated. Information is presented on methods to determine the hydrogen content in different zones of austenite and ferrite seams. Results of tests are compared with data obtained by computation. It was stated that in medium alloy steels, the hydrogen content increases sharply on the side adjacent to the seam, and in austenitic welds, on the side of the base metal. It is proved that the hydrogen content in zones adjacent to austenitic seams is higher than in zones of ferrite seams. The ob-

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SOV/125-58-11-3/16  
An Investigation on the Distribution of Hydrogen in Weld Joints of Medium Alloy Steels with Austenite and Ferrite Seams

tained results confirm the opinion that the subordinate part of hydrogen is a cause of crack formation near the weld joints (Ref. 10,2). Further investigations on factors affecting the resistance to crack formation to a larger extent than hydrogen does are needed.

There are 6 tables, 4 diagrams, 4 photos, 2 graphs and 10 references, 6 of which are Soviet, 3 English and 1 German.

ASSOCIATION: Institut elektrosvariki imeni Ye.O. Patona AN USSR (Institute of Electric Welding imeni Ye.O. Paton, AS UkrSSR)

SUBMITTED: September 5, 1958

Card 2/2

AGURIN, A.P.; GOYKOLOV, Ye.F.; GROMAKOV, G.P.; ZHOVNIROVSKIY, N.V.;  
MOSEYENKOV, A.A.; SEREBRENNIKOV, S.S., nauchn. red.

[Instructions on safety measures in the construction and repair of industrial furnaces and smokestacks] Instruktivnye ukazaniya po tekhnike bezopasnosti pri stroitel'stve i remonte promyshlennykh pechei i trub. Moskva, Stroiizdat, 1964. 126 p.  
(MIRA 17:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye teplotekhnicheskikh i termoizolatsionnykh rabot. 2. Inzhenerno-tekhnicheskiye rabotniki tresta "Soyuzteplotroy" (for all except Serebrennikov).

1(2,4); 24(8)

PHASE I BOOK EXPLOITATION

SOV/3351

Zhovinskiy, Naum Yevseyevich

"Teplovoy bar'yer" pri sverkhzvukovykh skorostyakh poleta ("Heat Barrier" in Supersonic Flight) Moscow, Voenizdat, 1959. 127 p. No of copies printed not given.

Ed.: G.I. Kalashnik, Engineer-Lt. Colonel; Tech. Ed.: A.N. Mednikova.

PURPOSE: This book is intended for readers who are interested in the problems of development of aircraft and other aerodynamic bodies.

COVERAGE: This book discusses the problems of aeronautics occurring because of aerodynamic heating of aircraft and missiles in flight at high supersonic speeds. It describes the origin of the problem and the various steps which are taken to reduce the effects of aerodynamic heating. The book considers problems of heating of air due to friction and the changes of air temperature in the boundary layer. The conditions of heating of surfaces of aircraft and other aerodynamic bodies, such as rockets, at supersonic speeds are dealt with. The book also briefly discusses, in somewhat general

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"Heat barrier" in Supersonic Flight

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terms, the methods which can be applied to permit successful reentry of satellites into the earth's atmosphere. The book is illustrated by a large number of figures and diagrams. There are 22 references, 15 of them Russian, 5 English and 2 others. No personalities are mentioned.

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"Heat barrier" in Supersonic Flight

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AVAILABLE: Library of Congress

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AC/jb  
2-29-60

ZHOVNOVATA, O.D., kand.biolog.nauk

Influence of sports on the action of digestive glands. Dop.  
ta pov. Vinn. der. ped. inst. no. 7:104-108 '58. (MIRA 14:1)  
(Digestive organs) (Exercise)

ZHOVNOVATA, O. D.

"Effect of Food Stimulation of the Gastric Glands on the Secretion of Urine." Dand Biol Sci, Khar'kov State U, Khar'kov, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

ZHOVNOVATAYA, O.D. [Zhovnovata, O.D.]

Effect of physical work on reflex salivation in man. *Fiziol.*  
zhur [Ukr.] 5 no.1:119-121 Ja-F '59. (MIRA 12:5)

1. Vinnitskiy meditsinskiy institut, kafedra normal'noy  
fiziologii.

(SALIVARY GLANDS)

(EXERCISE)

ZHOVNUR, Yu. N.

"Crystallization of Hypoeutectic Cast Iron Modified With Magnesium." Cand Tech Sci, Dnepropetrovsk Metallurgical Inst, Dnepropetrovsk, 1954. (RZhKhim, No 17, Sep 54)

SO: Sum 432, 29 Mar 55

ZHOVTIS, A.

KENSHEBAYEV, B.; ZHOVTIS, A.

Notes on the rhythm of Abai's verses. Vest. AN Kasakh. SSR  
11 no.9:115-125 S '54. (MIRA 8:2)  
(Kunanbaev, Abai, 1845-1904)

ZHOVTIY, I. F. and GOLOVACHEVA, V. YA.

"Natural Infection of Ectoparasites of the Mammals of Eastern Siberia  
and the Far East by the Causitive Agents of Certain Bacterial Infections."

Tenth Conference on Parsitological Problems and Diseases with Natural  
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of  
Sciences, USSR, Moscow-Leningrad, 1959.

Antiplague Institute of Siberia and the Far East (Irkutsk)

ZHOVTIY, I. F., KOROTKOVA, G. V., TERESHCHENKO, O. N. and YEMEL'YANOVA, N. D.

"Study of the Ectoparasites of the Wild Mammals of Tuva."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Anti-Plague Institute of Siberia and the Far East (Irkutsk)

ZHOVTII, I. F.

"Some Characteristics of the Ecology of the Fleas of the Transbaikal-Mongolian Enzootic Focus in Connection with Their Role as Plague Vectors."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Anti-Plague Institute of the Far East (Irkutsk)

ZHOVTONOG, I. S. Cand Agri Sci --- (diss) "Procedures for Salting  
River Lands in the Culturing of Rice (Using the Bottom Land of  
Southern Bug River as Example," Kiev, 1960, 29 pp, 200 copies  
(Ukrainian Academy of Agricultural Sciences) (KL, 47/60, 105)

ZHOV'TONOG, I.S., kand. sel'akokhoz. nauk (Kiyev)

Water balance and water consumption rate of rice in the south  
of the Ukraine. Gidr. i mel. 17 no.10:25-29 0 '65.

(MIRA 18:10)

ZHOVTUKHA, G.A.; KARLIKOV, D.N.; KRASNITSKIY, S.Ya.

Theory and design of a slit thermoprecipitator. Sbor.nauch.trud.  
Kriv.fil.IGD AN URSR no.1:186-192 '62. (MIRA 16:4)  
(Dust--Thermal properties)

KANEVSKIY, V.P.; LIBERMAN, M.L.; ZHOVTYUK, G.V.

Increasing the productivity and efficiency of the operation  
of jiggling machines without pistons as practiced at the  
Dzerzhinskii ore dressing plant. Izv. DGI 42:295-298 '64.  
(MIRA 18:11)

ZHOVTYY, I.F.

Zhovtyy, I.F. "Entomological hoop-net with removable bottom," Med.  
parazitologiyz i parazitarn. Bolesni, 1948, No. 6, p. 564-65

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

ZHOVTYY, I. F. GOLOV'CHIVA, V. YA.

37605. pishghevyye predpriyatiya kak mesta pitaniya i vyploda komnatnoy mukhi ( musc; domestica l) sbornik rabot po voprosam gigeny pitaniya. novosiridsk, 1949, s. 29-43- biblosk: 14 nazv.

SO: Letopis' Zhurnal' nykh Statey, Vol. 27, 1949

ZHOVYY, I.P.

Certain peculiarities of control of *Musca domestica* in occidental  
Siberia. *Gig. sanit.*, Moskva no.6:42-43 June 1952. (CML 23:2)

1. Of Novosibirsk Scientific-Research Sanitary Institute.

ZHOUEY, I.F.

Hibernation of *Musca domestica* L. Med. parasit., Moskva no.1:58-62  
Jan-Feb 1953. (GLML 24:4)

1. Of Novosibirsk Scientific-Research Sanitary Institute (Director --  
B. A. Shirshov).

ZHOVITYI, I.F.

Relationship of the seasonal increase in the incidence of  
dysentery to the phenology of the domestic fly *Musca domestica*  
I. Med.paraz.i paraz.bol. no.1:43-45 Ja-Mr '54. (MLRA 7:3)

1. Iz Novosibirskogo nauchno-issledovatel'skogo sanitarnogo  
instituta (direktor instituta I.I.Konenkin).  
(Dysentery) (Flies as carriers of disease)

*Translation M-757, 31 Aug 55*

ZHOVTYY, I.F.

ZHOVTYY, I.F.

Fleas (Aphaniptera) of Sakhalin. Izv. Irk. gos. protivochum. inst.  
12:169-174 '54. (MIRA 10:12)  
(SAKHALIN--FLEAS)

ZHOVTYY, I. F.

ZHOVTYY, I. F.

"Flies and their epidemiological significance" by V.P.Darbeneva-Ukhova. Reviewed by I.F.Zhovtyi. Izv. Irk. gos. protivochum. inst. 12:295-298 '54. (MIRA 10:12)

(FLIES AS CARRIERS OF DISEASE)

ZHOVTYY, I.F.  
DEKIPELOV, N.V.; ZHOVTYY, I.F.

New method for controlling fleas in rodent nests. Tez. i dokl. konf. Irk.  
gos. nauch.-issl. protivochum. inst. no. 1:23-25 '55. (MIRA 11:3)  
(PARASITES--RODENTIA) (BENZENE HEXACHLORIDE)

ZHOVYY, I.F.

The stable fly (*Stomoxys calcitrans* L.) in Siberia. Zool. zhur.  
34 no.3:677-679 My-Je '55. (MIRA 8:8)

1. Irkutskiy gosudarstvennyy nauchno-issledovatel'skiy institut  
Sibiri i Dal'nego Vostoka.  
(Stable flies)

ZHOVYY, I.F.; ALTAREVA, N.D.

Summarizing conference of the Irkutsk State Antiplague Research  
Institute for Siberia and the Far East, March 9-12, 1955. Izv.  
Irk.gos.nauch.-issl.protivochnu.inst. 15:329-331 '57.

(MIRA 13:7)

(PLAGUE)

TIMOFEEVA, L.A.; ZHOVYY, I.F.; NEKIPELOV, N.V.; BUSOYHDOVA, H.M.;  
GOLOVACHEVA, V.F.; DUBOVIK, I.M.; DUBOVIK, V.I.; ZHIVOLYAPINA, R.R.;  
LENT'YEV, A.N.; PETUKHOVA, O.S.; TIMOFEYAVA, A.A.; SHVED'KO, L.P.

Results of examining rodents in Transbaikalian steppes for pathogenic  
microflora. Tez. i dokl. konf. Irk. gos. nauch.-issl. protivochum. inst.  
no. 1: 38-39 '55. (MIRA 11:7)

(TRANSBAIKALIA--RODENTIA) (MICROORGANISMS, PATHOGENIC)

ZHOVTYY, I.F.

TIMOFAYNVA, L.A.; ZHOVTYY, I.F.; NIKIPELOV, V.N.; GOLOVACHEVA, V.Ya.;  
GORDIYENKO, P.G.; DUBOVIK, I.M.; KOROBAYNIKOVA, A.I.; MIRONOVA,  
L.P.; MERINOV, S.P.; SHVADKO, L.P.; VASINOVICH, M.I.

Incidence of bacterial infections in steppe rodents of southeastern  
Transbaikalia. Tek.i dokl.konf.Irk.gos.nauch.-issl.protivochum.  
inst. no.2:63-65 '57. (MIRA 11:3)  
(TRANSHAIKALIA--RODENTIA--DISEASES AND PESTS)  
(BACTERIA PATHOGENIC)

ZHOVTYY, I.F.  
ZHOVTYY, I.F.; PROKOP'YEV, V.N.

Number of generations and length of the developmental cycle in  
*Oropsulla cilantiewi* (Aphaniptera) in Transbaikalia. Tez. i dokl.  
konf.Irk.gos.nauch.-issl.protivochum. inst. no.2:16-18 '57.  
(TRANSBAIKALIA--VIBAS) (MIRA 11:3)

ZHOVTYY, I.F.

ZHOVTYY, I.F.

Seasonal fluctuation in the house fly population in Baraba Steppe.  
and some recurrent features. Med.paraz. i paraz.bol.supplement  
to no.1:77-78 '57. (MIRA 11:1)

1. Iz Novosibirskogo nauchno-issledovatel'skogo sanitarnogo  
instituta.

(BARABA STEPPE--FLIES)

ZHOVTYY, I.F.

ZHOVTYY, I.F.

Habitat of *Musca domestica* L. in Baraba Steppe. Med.paraz. 1 para.  
bol.supplement to no.1:76-77 '57. (MIRA 11:1)

1. Iz Novosibirskogo nauchno-issledovatel'skogo sanitarnogo instituta  
(BARABA STEPPE--FLIES)

NEKIPSELOV, N.V.; ZHOVYY, I.F.

Duration of the insecticidal effect of benzene hexachloride aerosol  
in tarbagan nests. Tez.i dokl.konf. Irk.gos.nauch.-issl.protivochum.  
inst. no.2:39-40 '57. (MIRA 11:3)  
(BENZENE HEXACHLORIDE) (AEROSOLS) (RODENT CONTROL)

ZHOVTYY, I.F.

"Material on types of fleas of the Ukrainian S.S.R." by V.I.  
Iurkina. Reviewed by I.F. Zhovtyi. Izv.Irk.gos.nauch.-issl.  
protivochn,inst. 15:333-337 '57. (MIRA 13:7)  
(UKRAINE--FLEAS) (IURKINA, V.I.)

SHKILEV, V.V.; ZHOVTYY, I.F.

Note of fleas of rodents of the Manchurian plain. Izv. Irk.gos.  
nauch.-issl.prirodokh.inst. 15:323-325 '57. (MIRA 13:7)  
(MANCHURIA--FLEAS) (PARASITES--RODENTIA)

ZHOVYY, I.F.; KOPYLOVA, O.A.

Fleas of the Daurian pika during the period of the massive growth  
of their numbers. Izv.Irk.gos.nauch.-issl.protivochn.inst. 15:  
293-298 '57. (MIRA 13:?)

(TRANSBAIKALIA--FLEAS)

(PARASITES--PIKAS)

YEMEL'YANOVA, N.D.; ZHOVTYY, I.F.

Brief survey of mammal ectoparasites of the Mongolian-Trans-  
baikalian plague focus in relation to their epizootological  
significance. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:  
259-283 '57. (MIRA 13:7)  
(TRANSBAIKALIA--PARASITES--MAMMALS)

ZHOVTY, I.F.; KOPYLOVA, O.A.; SYCHEVSKIY, P.T.; TIMOF'EYVA, A.A.;  
MAKSIMOVA, Ye.D.

Parasitological work in the sanitary protection of state  
frontiers. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:  
249-257 '57. (MIRA 13:7)  
(SIBERIA, EASTERN--INSECTS AS CARRIERS OF DISEASE)

ZHOVTYY, I.F.

Ninth meeting on parasitological problems and the parasitological  
problems of especially dangerous infections, Izv.Irk.gos.nauch.-  
issl.protivochn.inst. 16:255-261 '57. (MIRA 13:7)  
(PARASITOLOGY)

DOMARADSKIY, I.V.; ZHOVTYY, I.F.

Ivan Stepanovich Dudchenko; from the history of the study of natural foci of plague in Transbaikalia. Izv. Irk. gos. nauch.-issl. protivochun. inst. 16:250-252 '57. (MIRA 13:7)  
(DUDCHENKO, IVAN STEPANOVICH, 1857-1917)  
(TRANSBAIKALIA---BIBLIOGRAPHY---PLAGUE)

ZHOVYY, I.F.; YEMEL'YANOVA, N.D.; FEDOROVA, L.V. [deceased]; RYZHUK,  
T.I.; LEONOV, Yu.A.; SUCHEVSKIY, P.T.; MOSKALENKO, V.Y.;  
KOZLOVSKAYA, O.L.; DEMIDOVA, A.A. [deceased]; ANIKEYEV, I.K.;  
CHIPIZUBOVA, P.A.; PROLIP'YEV, V.N.

Materials for a study of the trombiculid mites of Siberia and  
the Far East. Izv. Irk.gos.nauch.-issl.prirodovedch.inst. 16:  
156-172 '57. (MIRA 13:7)

(SIBERIA, EASTERN--MITES)

TIMOFEEVA, L.A.; ZHOVYY, I.F.; NEKIPELOV, N.V.; BUSOYEDOVA, N.M.;  
GOLOVACHEVA, V.Ya.; DUBOVIK, I.M.; DUBOVIK, V.I.; ZHIVOLYAPINA,  
R.R.; LEONT'YEV, A.N.; PETUKHOVA, O.I.; TIMOFEEVA, A.A.; SHVEDKO, L.P.

Search for plague and other epizootic diseases in Transbaikalian  
plague focus. Report No.2. Izv.Irk.gos.nauch.--issl.protivochum.  
inst. 15:3-17 '57. (MIRA 13:7)  
(TRANSBAIKALIA--RODENTIA--DISEASES AND PESTS)

ZHOVYY, I.F.; SHLUGER, Ye.G.

Method of collecting Trombiculidae mites. Izv. Irk. gos. nauch.-  
issl. protivochum. inst. 16:177-187 '57. (MIRA 13:7)  
(MITES) (INSECTS--COLLECTION AND PRESERVATION)

ZHOVYY, I.F.; BOLDARUYEV, V.O.

Case of mass attack of the chicken mite *Dermanyssus Gallinae*  
de Geer on man in Siberia. Izv. Irk. gosn. nauch.-issl. protivochna.  
inst. 16:188-190 '57. (MIRA 13:7)

(INSECTS--INJURIOUS AND BENEFICIAL)  
(SIBERIA--CHICKEN-MITE)

ZHOVTYY, I.F.; PROKOP'YEV, V.N.

Number of generations and the duration of the developmental cycle of *Oropsylla silantiewi* Wagn (Aphaniptera) in Transbaikalia. Izv.Irk.gos.nauch.-issl.protivochnm.inst. 17:21-26 '58. (MIRA 13:7)

(TRANSBAIKALIA--FLEAS)

ZHOVYY, I.F.

Program of work of the parasitological infirmaries in the anti-plague institutions of Siberia and the Far East. Izv. Irk.gos. nauch.-issl.protiyochum, inst, 17:249-253 '58. (MIRA 13:7)  
(SIBERIA--PARASITES--RODENTS) (PARASITOLOGY)

ZHOVYY, I.F.; YEMEL'YANOVA, N.D.; KOPILOVA, O.A.; PROKOP'YEV, V.H.

Materials for a study of the trombiculid mites (Trombiculinae  
ewing) of Transbaikalia. Izv.Irk.gos.nauch.-issl.protiyochum.  
inst. 17:219-226 '58. (MIRA 13:7)

(TRANSBAIKALIA--MITES)

BUSOYEDOVA, N.M.; DUBOVIK, V.I.; DUBOVIK, I.M.; ZHOVTYY, I.F.;  
LIPAYEV, V.M.

Fleas of rodents in the flood-lands of the Argun River (Trans-  
baikalia). Izv.Irk.gos.nauch.-issl.protivoohum.inst. 17:39-  
46 '58. (MIRA 13:7)

(ARGUN RIVER (TRANSBAIKALIA)--FLEAS)  
(PARASITES--RODENTIA)

ZHOVTYY, I.P.; LEONOV, Yu.A.

Number of fleas on the gray rat in populated areas of the southern part of the coast region (Far East) and some regularities in its changes. Izv. Izk.gos.nauch.-issl.protivochnm.inst. 17:75-89 '58.  
(MIRA 13:7)

(MARITIME TERRITORY--FLEAS) (PARASITES--RATS)

ZHOVYY, I.F.

Biotopes of the domestic fly *Musca Domestica* L. under conditions  
of the Baraba Steppe. *Izv.Irk.gos.nauch.-issl.prirodoveden.iust.*  
17:227-237 '58.

(MIRA 13:7)

(BARABA STEPPE--FLIES)